

Product data sheet

Specifications



Level transmitter, Level, for solids from granulates to rocks, K band 24GHz radar

LR64

Main

Range of Product	Level
Product or Component Type	Level transmitter
Product Specific Application	For solids from granulates to rocks
[Us] rated supply voltage	12...30 V DC 16...36 V DC
User Language	Multi-language
Kit composition	transmitter antenna

Complementary

Antenna type	Metallic horn PP drop PTFE drop
Housing material	Aluminium 316L stainless steel
Pressure sensor size	-14.5...232.06 psi (-1...16 bar) -14.5...232 psi (-100.0...1599.6 kPa)
Safety level	SIL 2 SIL 3
Communication port protocol	HART, 4...20 mA
Display Type	LCD display
Measurement accuracy	+/- 2 mm
Measurement range	0...100 m 0...328 ft
Type of measurement	Radar K-band frequency 24 GHz
Connector type	DIN flange ASME flange JIS flange ISO thread ASME thread

Environment

Ambient air temperature for operation	-58...266 °F (-50...130 °C) -50...130 °C (-58...266 °F)
Ambient Air Temperature for Storage	-40...176 °F (-40...80 °C) -40...80 °C (-40...176 °F)
Product certifications	IEC-Ex ATEX NEPSI CQPSus

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	EN/IEC 61508 NACE
IP Degree of Protection	IP66 IP68
NEMA degree of protection	NEMA 4X housing NEMA 6P antenna

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	158
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative

